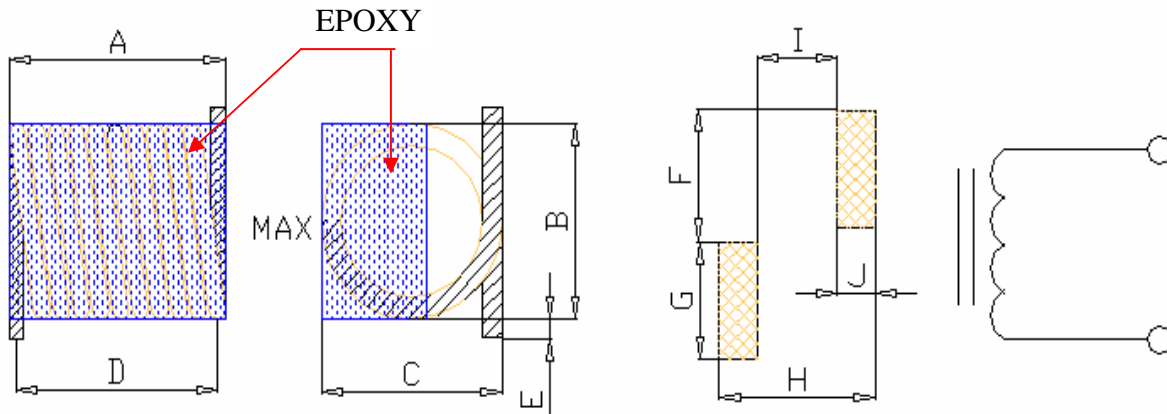


SHAPE AND DIMENSION

DIMENSION (UNIT:mm)

(2) PAD LAYOUT

(3) SCHEMATIC



NOTE: COPPER WIRE 'S COLOR OF **Gold /Red**

| TYPE | A | B | C | D | E | F | G | H | I | J |
|----------|----------|-----------|-----------|----------|-----------|-----|-----|-----|-----|-----|
| CR5030-C | 5.30±0.3 | 2.70±0.20 | 2.80±0.30 | 4.70±0.3 | 0.90±0.30 | 2.8 | 3.3 | 6.2 | 3.7 | 1.3 |

SPECIFICATIONS

CR5030 TYPE(NO.1~NO.8 are air core coils, NO.9~NO.16 with ferrite core coils)

| NO | PART NO. | INDUCTANCE (nH) | TEST CONDITION | Q MIN | SRF(MIN) GHz | DCR MAX (mΩ) | IDC MAX (A) |
|----|----------------|-----------------|----------------|-------|--------------|--------------|-------------|
| 1 | CR5030-C04 | 13.1±5% | 150MHz | 100.0 | >3.0 | 5.2 | 4.0 |
| 2 | CR5030-C05 | 18.2±5% | 150MHz | 100.0 | >3.0 | 6.3 | 3.6 |
| 3 | CR5030-C06 | 23.5±5% | 150MHz | 100.0 | >2.1 | 7.3 | 3.4 |
| 4 | CR5030-C07 | 31.3±5% | 150MHz | 100.0 | >1.9 | 8.1 | 3.0 |
| 5 | CR5030-C08 | 40.0±5% | 150MHz | 100.0 | >1.5 | 9.2 | 2.7 |
| 6 | CR5030-C09 | 47.0±5% | 150MHz | 100.0 | >1.3 | 10.3 | 2.6 |
| 7 | CR5030-C10 | 58.0±5% | 150MHz | 100.0 | >1.2 | 11.5 | 2.3 |
| 8 | CR5030-C11 | 70.0±5% | 150MHz | 100.0 | >1.0 | 12.9 | 2.1 |
| 9 | CR5030-C04-R11 | 110±5% | 100KHZ | 20.0 | - | 5.5 | 2.5 |
| 10 | CR5030-C05-R18 | 180±5% | 100KHZ | 20.0 | - | 6.5 | 2.4 |
| 11 | CR5030-C06-R27 | 270±5% | 100KHZ | 18.0 | - | 7.6 | 2.3 |
| 12 | CR5030-C07-R33 | 330±5% | 100KHZ | 18.0 | - | 8.5 | 2.2 |
| 13 | CR5030-C08-R42 | 420±5% | 100KHZ | 18.0 | - | 9.7 | 2.1 |
| 14 | CR5030-C09-R49 | 490±5% | 100KHZ | 18.0 | - | 10.6 | 1.8 |
| 15 | CR5030-C10-R60 | 600±5% | 100KHZ | 15.0 | - | 11.9 | 1.8 |
| 16 | CR5030-C11-R70 | 700±5% | 100KHZ | 15.0 | - | 13.3 | 1.6 |

TEST INSTRUMENT:HP4191A FOR NO.1~NO.8, CH1062 FOR NO.9~NO.16

CLIDER ENTERPRISE CO., LTD.

可立德實業有限公司